

Message

From: Tonnesen, Gail [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=74A573ADAC664C25B77C5B4DAE45A54C-TONNESEN, GAIL]
Sent: 5/15/2015 1:22:57 PM
To: OTT, LESLEY E. (GSFC-6101) [lesley.e.ott@nasa.gov]; Duncan, Bryan N. (GSFC-6140) [bryan.n.duncan@nasa.gov]
CC: Patrick.Reddy@dphe.state.co.us; brad.pierce@noaa.gov
Subject: RE: GMAO modeling

Hi Lesley,

Thanks, and yes, if you have some slides that would be great. I'll send out an email on Monday with the invite and conf line info for the call.

Thanks,
Gail
303-312-6113

From: OTT, LESLEY E. (GSFC-6101) [mailto:lesley.e.ott@nasa.gov]
Sent: Thursday, May 14, 2015 8:27 AM
To: Tonnesen, Gail; Duncan, Bryan N. (GSFC-6140)
Cc: Patrick.Reddy@dphe.state.co.us; brad.pierce@noaa.gov
Subject: RE: GMAO modeling

Hi Gail,

I'm available next Tuesday and would be happy to join. Would it be helpful for us to prepare a few slides?

Thanks,
Lesley

From: Tonnesen, Gail [Tonnesen.Gail@epa.gov]
Sent: Thursday, May 14, 2015 9:21 AM
To: Duncan, Bryan N. (GSFC-6140); OTT, LESLEY E. (GSFC-6101)
Cc: Patrick.Reddy@dphe.state.co.us; brad.pierce@noaa.gov
Subject: RE: GMAO modeling

Hi Bryan, Lesley,

Are you available Tuesday next week to talk with the Stratospheric Intrusion workgroup about the GMAO modeling? If Tuesday does not work we can set another date — we meet the 3rd Tuesday of each month at 10 am MDT.

Thanks,
Gail

Gail Tonnesen, Ph.D.
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Denver, CO 80202

From: Duncan, Bryan N. (GSFC-6140) [<mailto:bryan.n.duncan@nasa.gov>]
Sent: Wednesday, May 13, 2015 12:24 PM
To: Reddy - CDPHE, Patrick
Cc: Pierce', 'GORDON; Tonnesen, Gail; OTT, LESLEY E. (GSFC-6101); THOMPSON, ANNE M. (GSFC-6100)
Subject: RE: GMAO modeling

Hi Patrick,

As requested, I've attached a plot from Lesley of the May 25, 2014 event. This plot shows one of our 'pulse' tracers at the surface throughout that day. The numbers indicate the percentage of air that was in the stratosphere during the previous 2 weeks. This really develops throughout the day and by May 26, the influence of stratospheric air is quite widespread across the Western US and Colorado. Please let us know what other types of plots that you would like.

Lesley is working on the April 13-19, 2015 event now, including the CO tracers. Stay tuned.

Bryan

Bryan N. Duncan
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From: Reddy - CDPHE, Patrick [<mailto:patrick.reddy@state.co.us>]
Sent: Tuesday, April 21, 2015 12:52 PM
To: Duncan, Bryan N. (GSFC-6140)
Cc: Pierce', 'GORDON; Tonnesen, Gail
Subject: GMAO modeling

Hi Bryan,

During today's intrusion work group call, Brad Pierce said it would also be useful if Lesley were able to generate plots of CO and/or biomass burning tracers so that we could distinguish true intrusion events from those that may be intermixed with Asian anthropogenic or fire emissions. It's also looking like there is a lot of interest in the week of April 13-19, 2015, during which there were intrusion events and possible Asian transport events in western states.

Cheers,

Pat

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